ABSTRACT OF THE DISCLOSURE

Test apparatus 100 judges a test item, and when carrying out a radio transmission characteristics test, communicates layer 3 signals with mobile terminal apparatus 150 to implement radio connection over CDMA radio interface and transmit a measurement signal. transmitting the measurement signal, mobile terminal RLC control section 109 notifies RLC section 152 of suspension of transmission of a signaling signal, and based on the 10 notification, RLC section 152 suspends transmission of a signaling signal and transmits only the measurement signal. It is thereby possible to carry out the radio test transmission characteristics with constant transmission power without providing the mobile terminal 15 apparatus with a function only required for the radio transmission characteristics test.